

**FIG. 1**  
**(PRIOR ART)**



55

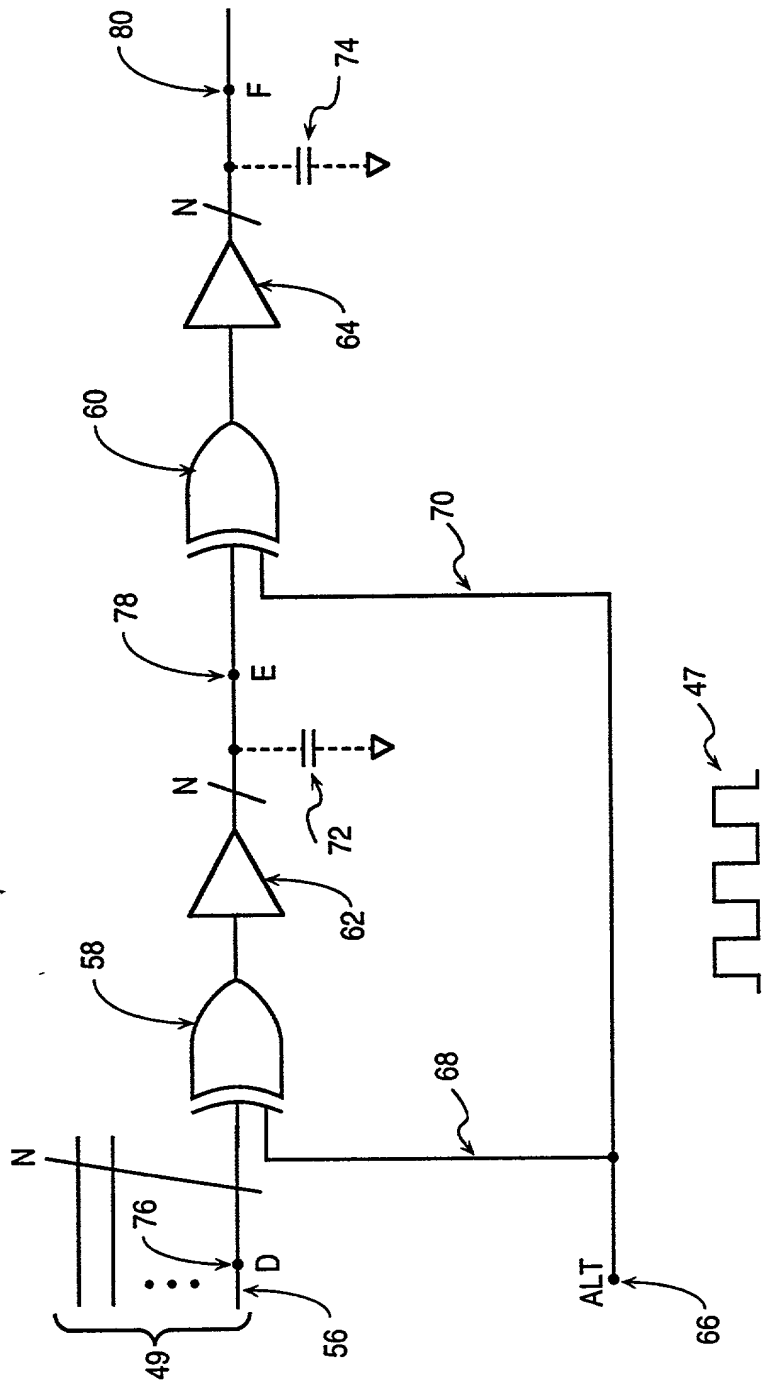


FIG. 3

WAVEFORMS AT "D" (41)	NUMBER OF TOGGLES AT "D" (43)	WAVEFORMS AT "ALT" (45)	WAVEFORMS AT "E" (47)	NUMBER OF TOGGLES AT "E" (49)	WAVEFORMS AT "F" (51)	NUMBER OF TOGGLES AT "F" (53)	SUMMATION OF TOGGLES AT "E" & "F" $\Sigma$ (73)
<div> <div>0</div> <div>0</div> <div>0</div> <div>0</div> </div>	0			1		0	1
	1			0		1	1
	1			0		1	1
	0			1		0	1
<div> <div>0</div> <div>0</div> <div>0</div> <div>0</div> </div>	0			1		0	1
	1			0		1	1
	1			0		1	1
	0			1		0	1

FIG. 4

WAVEFORMS AT "D" (57)	NUMBER OF TOGGLES AT "D" (59)	WAVEFORMS AT "ALT" (61)	WAVEFORMS AT "E" (63)	NUMBER OF TOGGLES AT "E" (65)	WAVEFORMS AT "F" (67)	NUMBER OF TOGGLES AT "F" (69)	SUMMATION OF TOGGLES AT "E" & "F" $\Sigma$ (71)
<div>86</div>	0	0	0	0	0	0	0
	1	0	0	1	0	1	2
	1	0	0	1	0	1	2
	0	0	0	0	0	0	0
<div>88</div>	0	0	0	0	0	0	0
	1	0	0	1	0	1	2
	1	0	0	1	0	1	2
	0	0	0	0	0	0	0

FIG. 5

PEAK SYSTEM POWER (APPROXIMATE)

	(90) WITHOUT ALT SIGNAL	(92) WITH ALT SIGNAL
• BEST CASE DATA PATTERN (91)	Ø WATTS	X/2 WATTS + $\Delta$
• TYPICAL DATA PATTERN (93)	X/2 WATTS	X/2 WATTS + $\Delta$
• WORST CASE DATA PATTERN (95)	X WATTS	X/2 WATTS + $\Delta$

**FIG. 6**

129

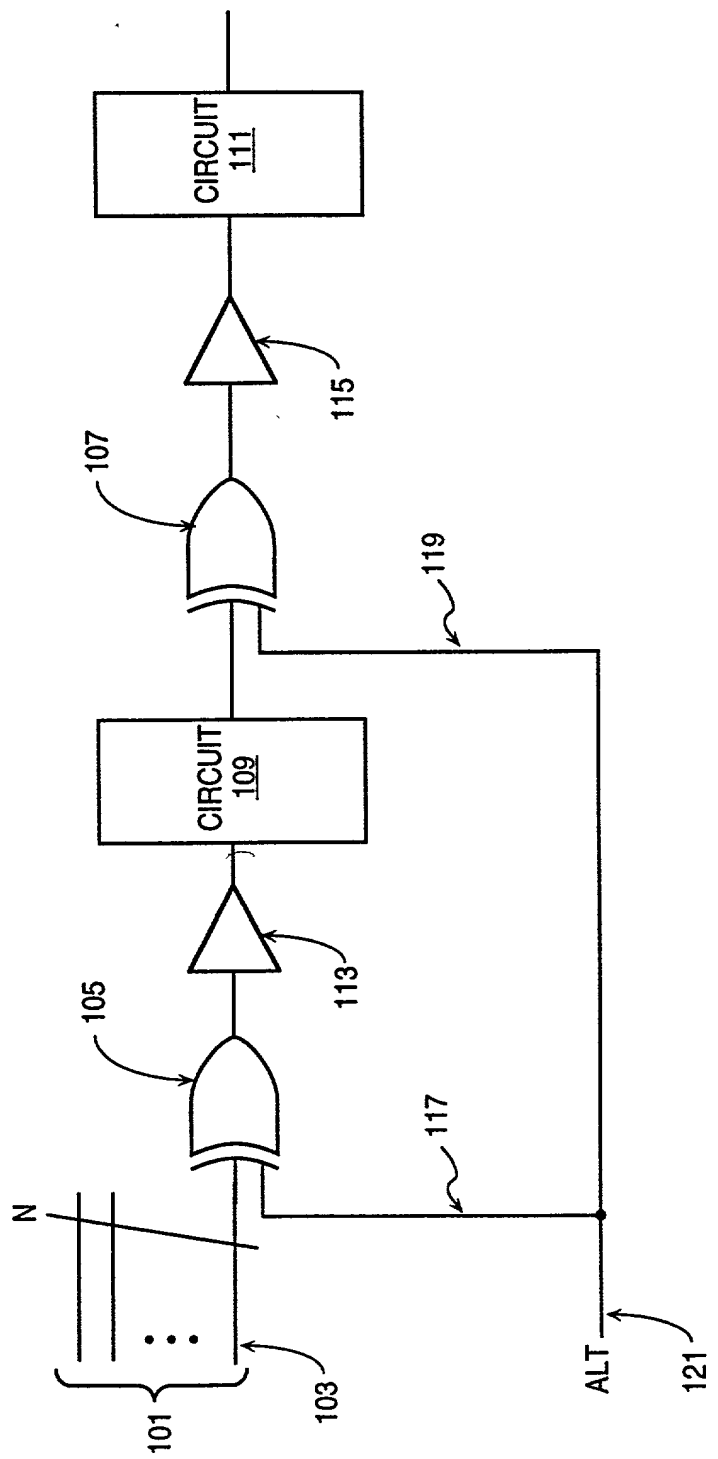


FIG. 7

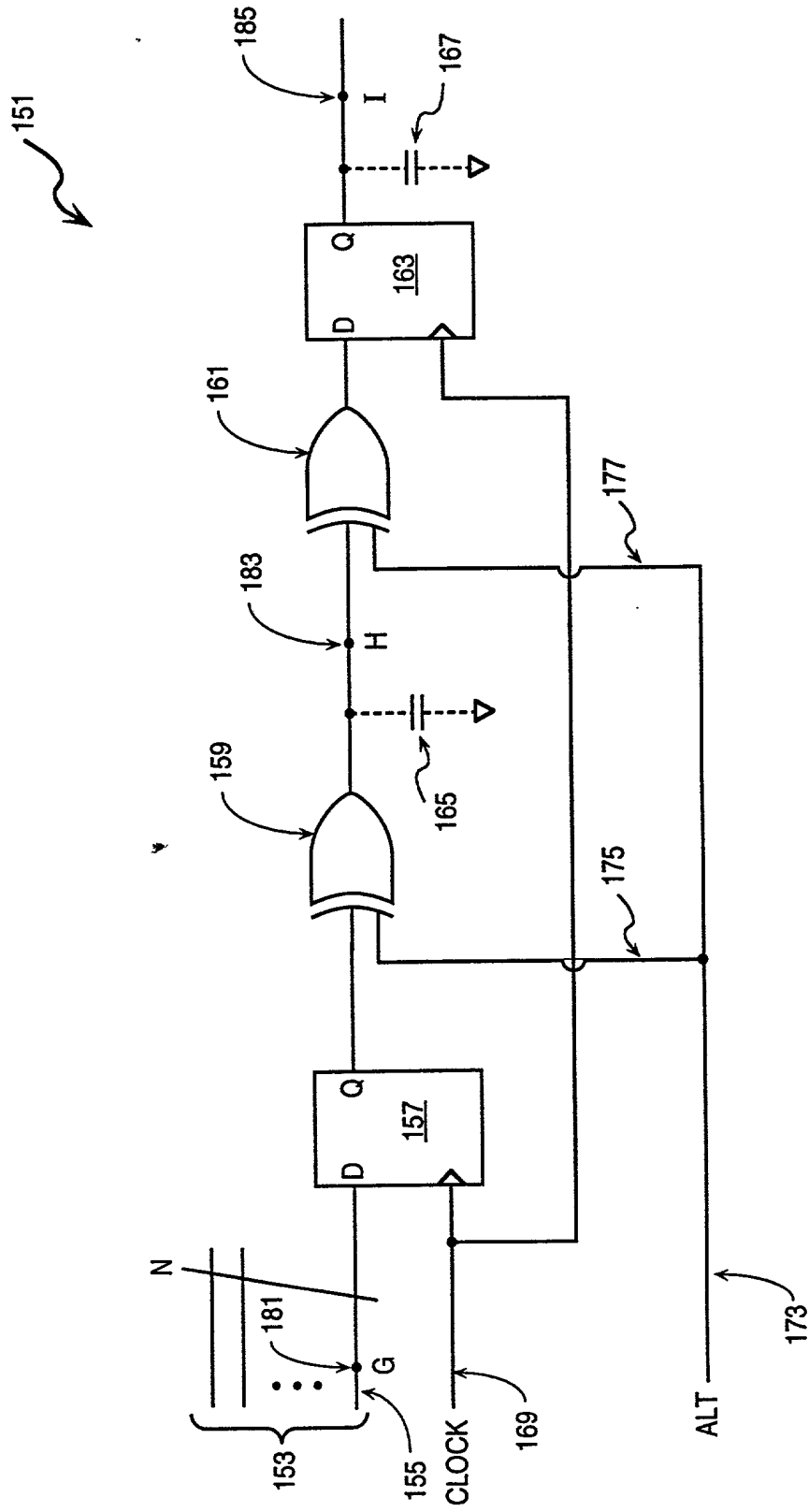


FIG. 8



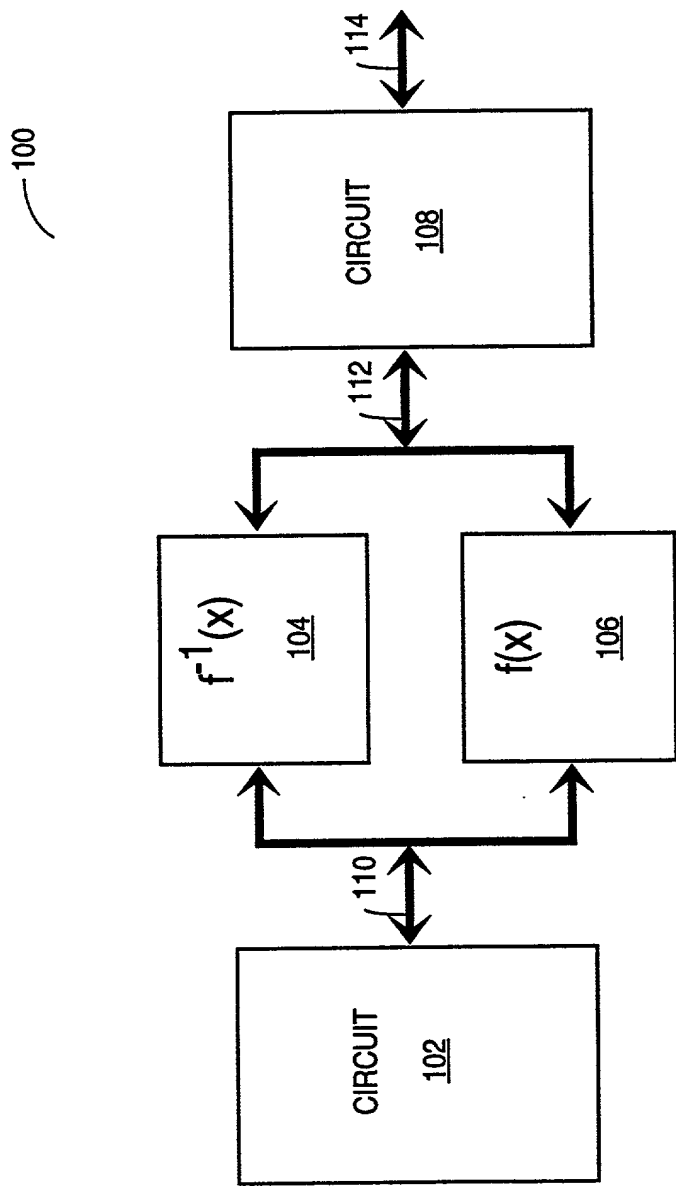


FIG. 9

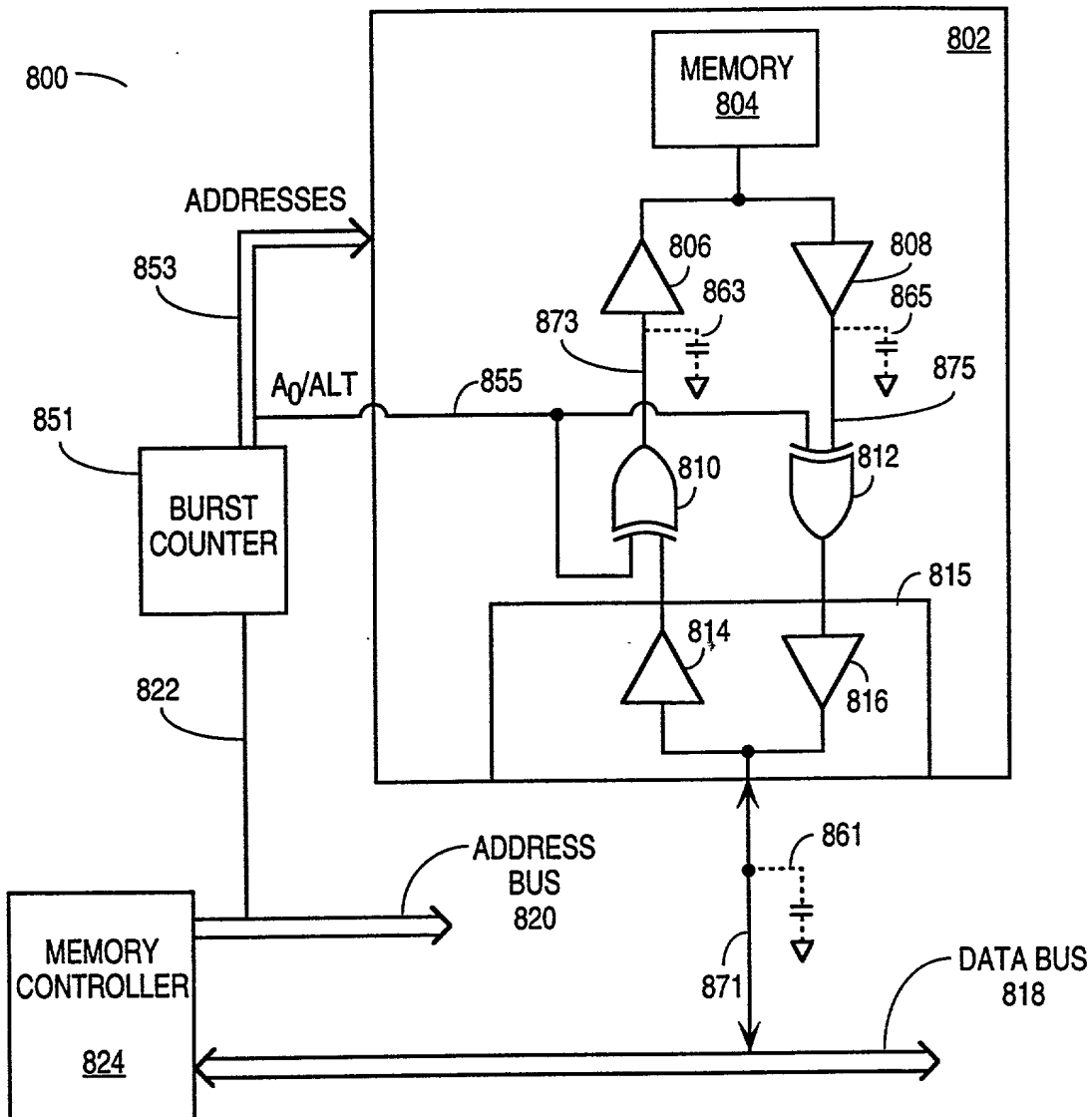


FIG. 10

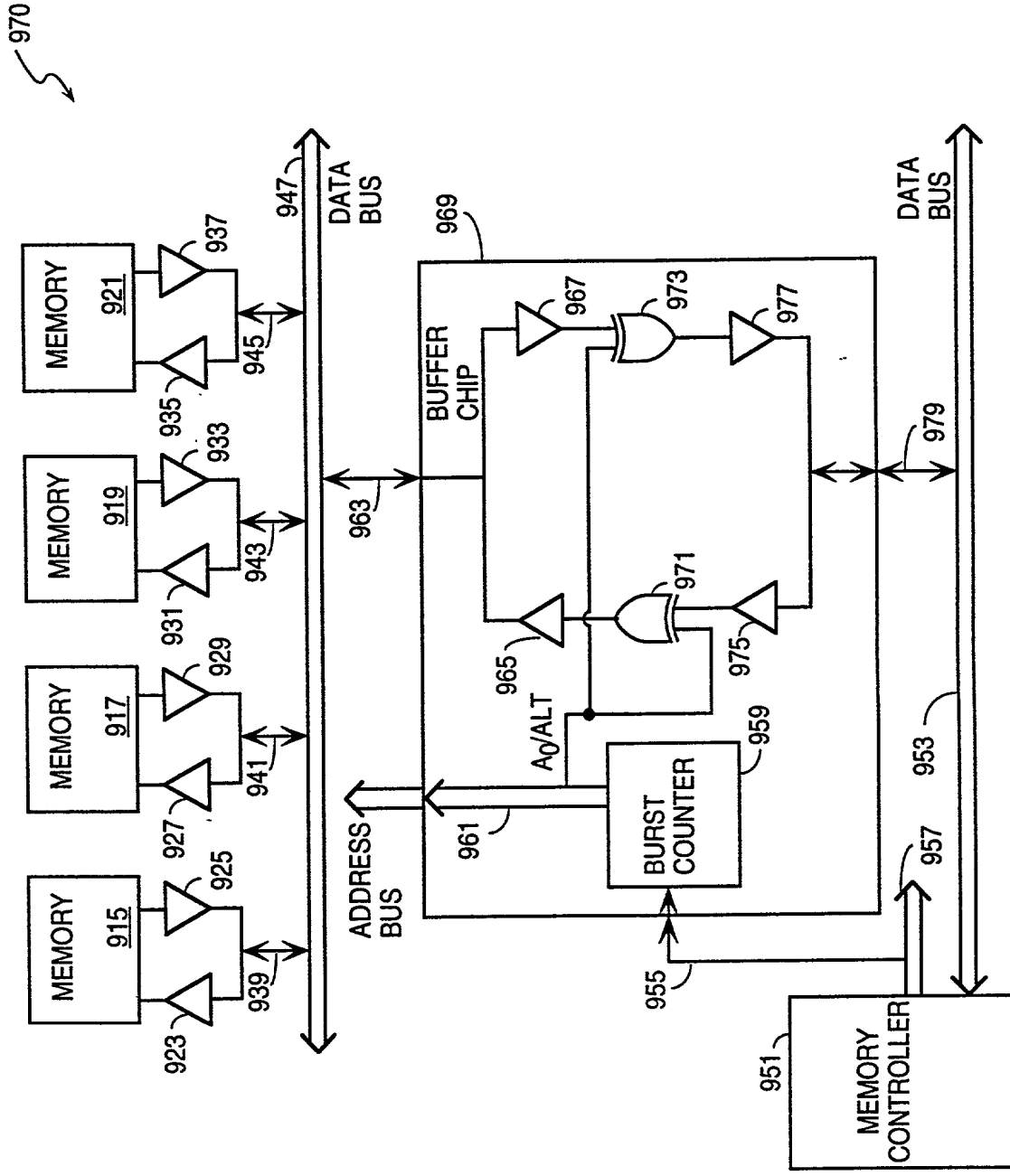


FIG. 11

900

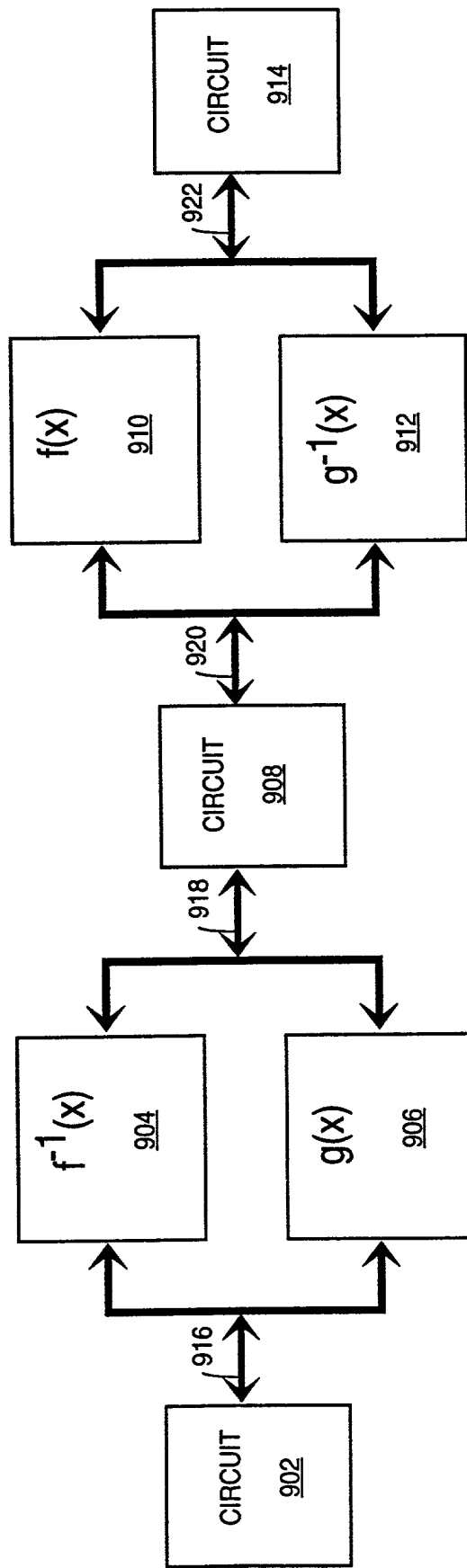


FIG. 12

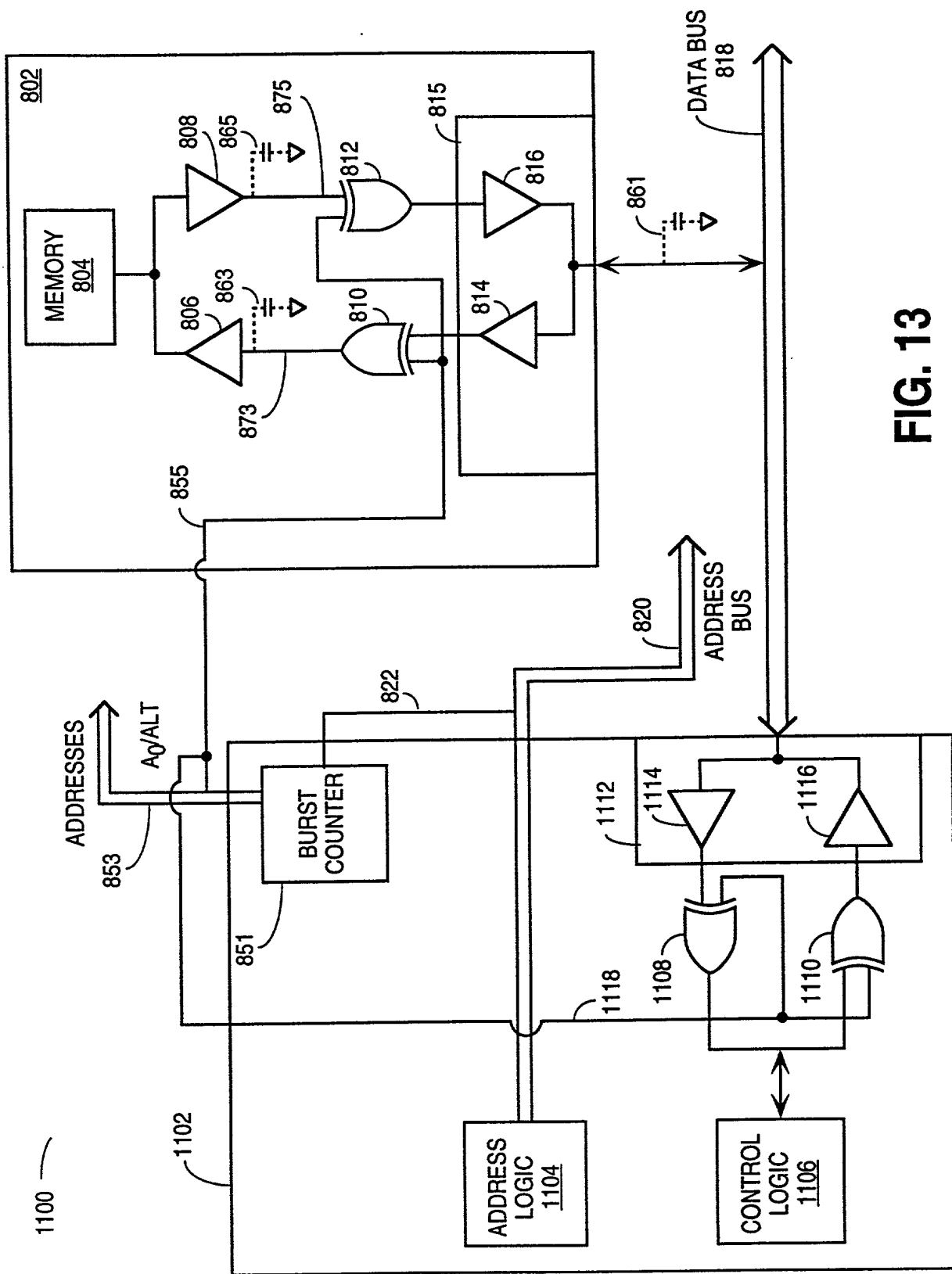


FIG. 13

1200

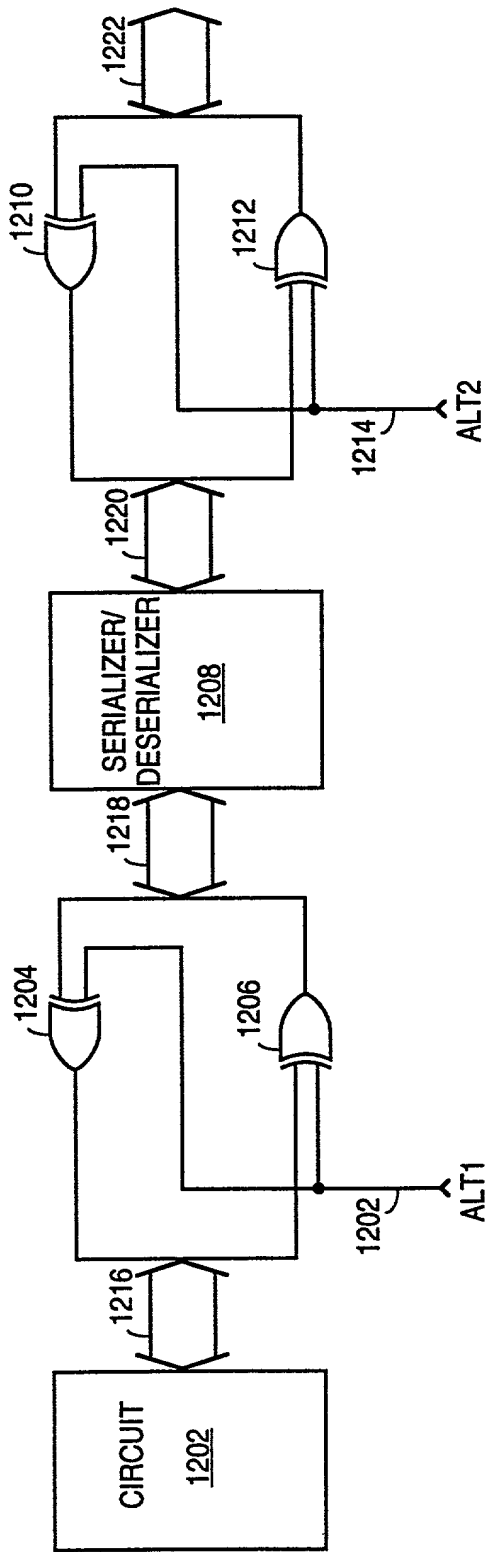


FIG. 14

FIG. 15

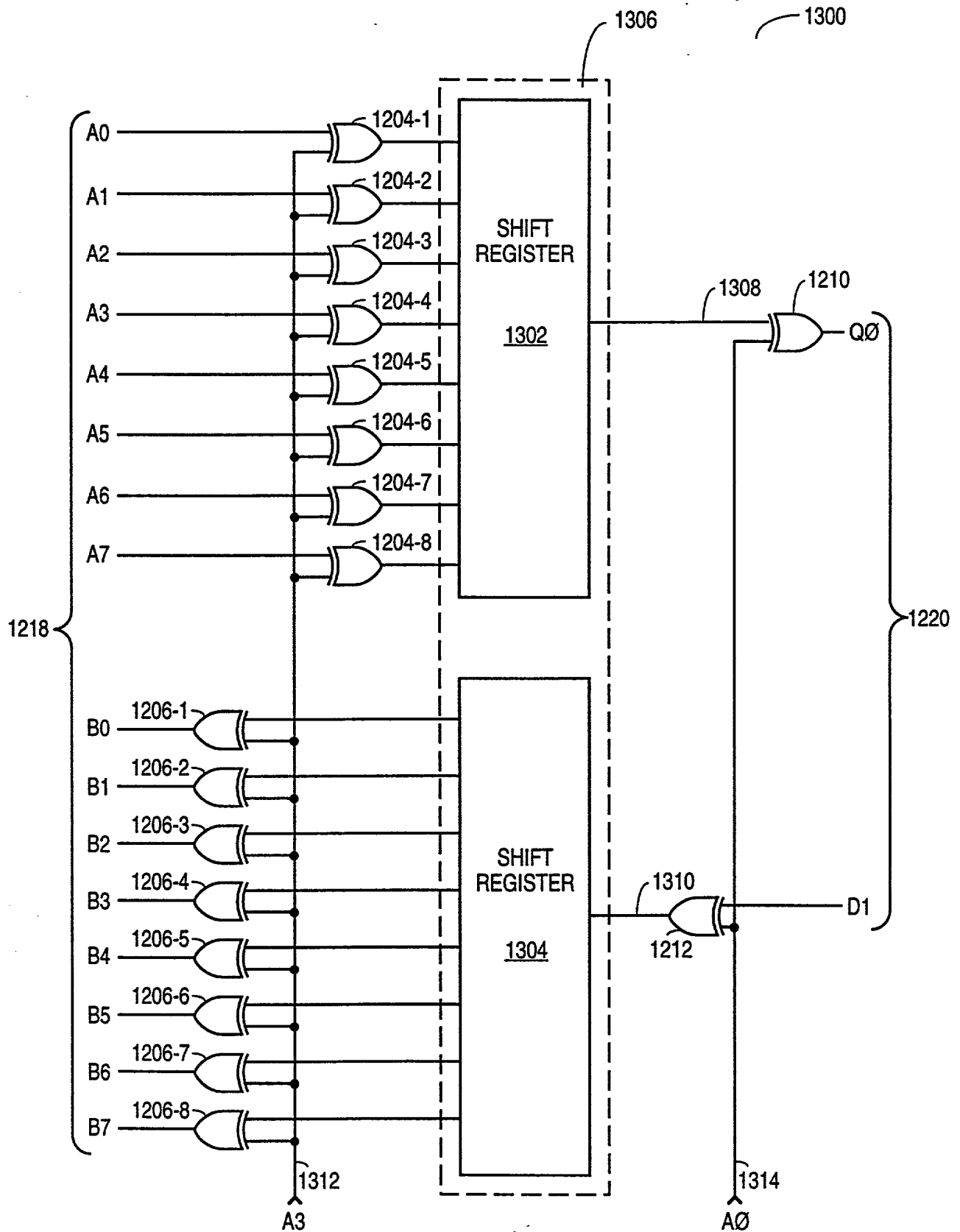


FIG. 15





FIG. 18 is a graph showing the relationship between PROBABILITY (Y-axis) and POWER (X-axis). The curve is bell-shaped, peaking at power 1368. A vertical dashed line at power 1370 intersects the curve at a point marked with a circle. The y-axis has a tick mark at 1366, and the x-axis has tick marks at 1368 and 1370.

FIG. 18

1400

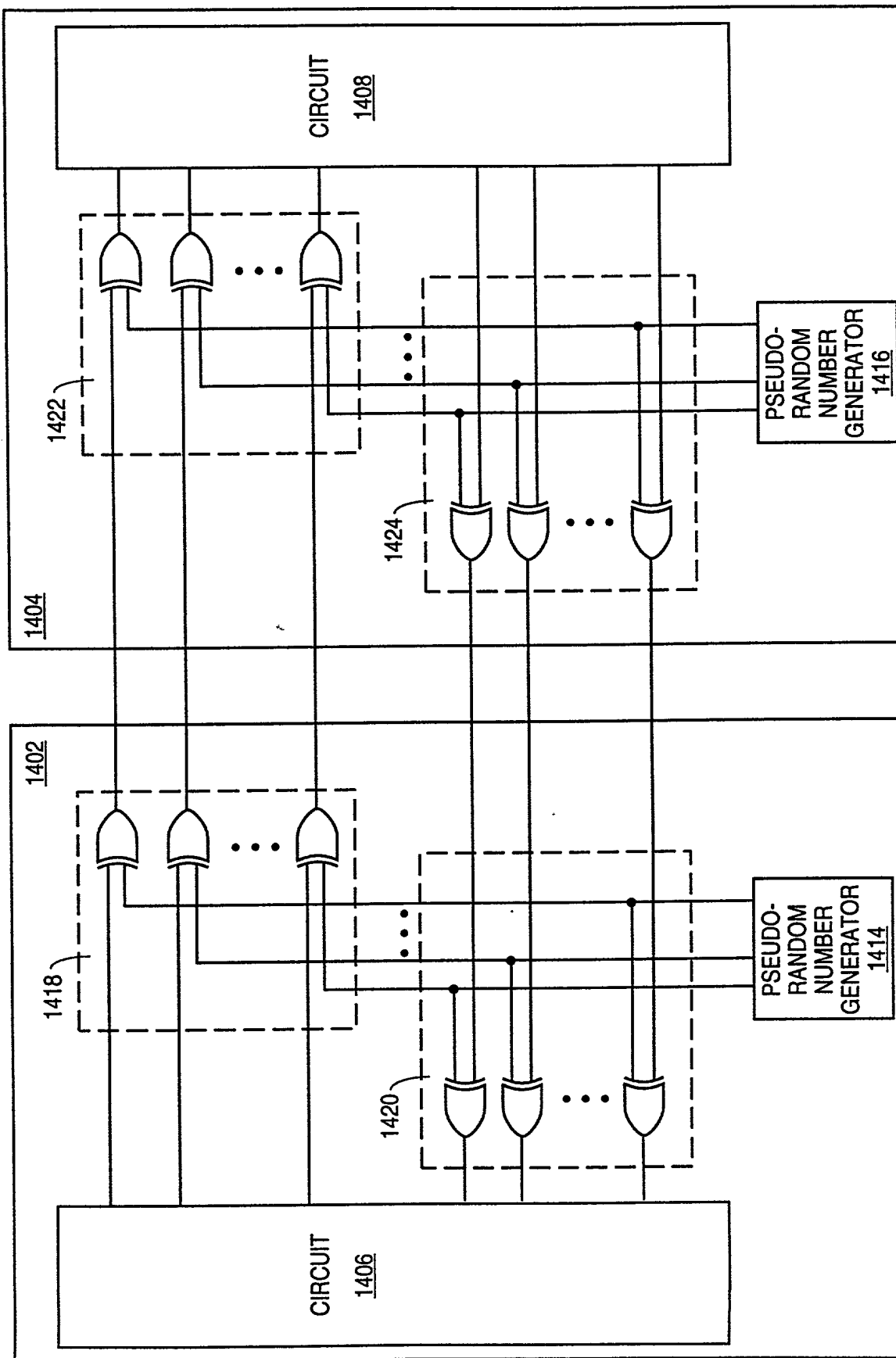


FIG. 19